Registration Form

Name: _____

Organization:_____

Designation:_____

Address:

_____

_____

City: _____

Pin code: _____

Office Phone:(With Code)_____

Mobile Phone : _____

E-Mail: _____

A Demand Draft is enclosed for Rs._____ No. _____ Dated _____

(*Drawn in favour of "kCube Consultancy Services" payable at Chennai)

Recommended Pre-requisites

Basic GIS Knowledge

Batch Strength : 20

(Training slots will be filled on a first come, first serve basis)

Registration Fee: Rs.8,000

Registration's done before February 15th 2010 will get a discount of Rs.1,500/-. **No registration will be considered until the payment is received.** Fee includes Course Material, MapServer Software CD, Lunch , Tea and Snacks for three days. Training will be conducted in Chennai. Venue will be intimated to participants one week before the program. Participants should make their own arrangement for stay.

About kCube

kCube is a Geospatial company offering application development and data management services around FOSS4G (Free and Open Source Software for Geospatial). With a strong technical team kCube has provided innovative solutions using open source GIS. kCube has established itself as the leading provider of training solutions around Open Source GIS software packages.

Recent Training Conducted

- Quantum GIS Training at IIT Madras
- MapServer Training at Chennai
- Quantum GIS Training at Assam Remote Sensing and Applications Center
- Quantum GIS and GRASS Training at Irrigation Management Training Institute, Tiruchirapalli

Registration Procedure

Post the Registration form along with the DD to

kCube Consultancy Services (P) Ltd

No 23 Fourth Main Street

Beasant Nagar

Chennai 600 090

Queries

For any queries send email to

kumaran@kcubeconsulting.com

or

contact Kumaran at +91-9940111282

Three Day Training Program On Open Source Web GIS Using UMN MapServer

10th-12th March, 2010 at Chennai

Conducted by

kCube Consultancy Services

No 23 Fourth Main Street

Beasant Nagar

Chennai 600 090

www.kcubeconsulting.com

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+91-9940111282

Web GIS

The power of Geographical Information Systems is leveraged when geospatial data is published and managed in a distributed environment through web browsers. Web GIS allows users to disseminate Geographical data over the web and allows them to perform various GIS functions over the web. This drastically reduces the need for localized GIS software's.

However, life-cycle cost of commercial Web GIS packages and the ever changing hardware requirements to support these packages make the economics of implementation difficult.

Until recently open-source Web GIS frameworks did not have the capabilities of commercial packages. Recent developments by the open-source community has resulted in the development of UMN MapServer which is a Open Source platform for publishing spatial data and to develop interactive mapping applications to the web.

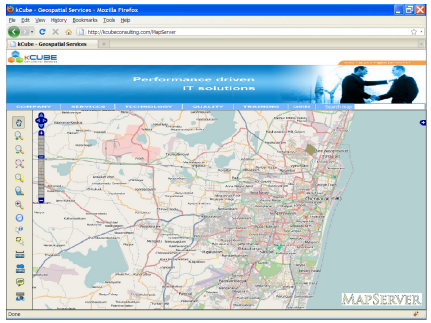
This training program in UMN MapServer is organized to introduce GIS users to the basic features of this powerful web mapping framework.

UMN MapServer

- Support for display and querying of hundreds of raster, vector, and database formats
- Ability to run on various operating systems (Windows, Linux, Mac OS X, etc.)
- Support for popular scripting languages and development environments (PHP, Python, Perl, Ruby, Java, .NET)
- On-the-fly projections
- High quality rendering
- Fully customizable application output
- Many ready-to-use Open Source application frameworks

What you will gain from the training?

- Download and Install MapServer
- Understand the architecture of MapServer — Pros and Cons
- Create Map Configuration File
- Display Spatial data from various data sources like Shapefile, PostGIS etc…
- Create Various Classes and Style Objects
- Develop a Web GIS Application



Course Topics

Day 1:

- Introduction to MapServer
- Installing MapServer
- Introduction to Mapfile
- Templating
- Displaying Vector and Raster Layers
- Applying Styles and Symbology
- Layer Controls - Switch On/Off Layers
- Map Navigation using Templates

Day 2:

- Label, Scalebar and Overview map
- Feature Classification and Legend
- Variable Substitution
- Feature Querying and Joins

Day 3:

- Advanced Mapfile options
- Introduction to WMS and WFS
- Displaying Maps from WMS, PostGIS and other Data Sources
- Integrating with OpenLayers
- MapServer Tips and Tricks for Production Implementation

Concepts will be covered using MapServer templates. All Concepts will be reinforced with lab sessions